

Comparisons of Job Characteristics

Focus Occupation: **Statistical Assistants (43-9111)**

Associated Occupation: **Economists (19-3011)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Statistical Assistants (43-9111)

Associated Occupation: Economists (19-3011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
English Language	11.2	18.9	11.6	<< Extensive education and/or training may be required
Mathematics	9.2	17.9	17.6	0 Current knowledge level may be sufficient
Economics and Accounting	4.4	17.7	5.2	<< Extensive education and/or training may be required
Computers and Electronics	8.4	14.4	15.2	0 Current knowledge level may be sufficient
Law and Government	5.9	11.0	5.2	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Statistical Assistants (43-9111)

Associated Occupation: Economists (19-3011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Critical Thinking	10.8	13.6	12.6	0 Current skill level may be sufficient
Complex Problem Solving	9.1	13.0	10.8	< A higher skill level may be required
Writing	9.2	13.0	11.1	< A higher skill level may be required
Mathematics	6.2	12.3	17.3	>> Skill level is likely more than sufficient
Judgment and Decision Making	9.4	12.0	9.2	<< Extensive development of skills in this area may be required
Systems Analysis	6.5	11.5	6.1	<< Extensive development of skills in this area may be required
Systems Evaluation	6.4	9.7	7.1	<< Extensive development of skills in this area may be required

Operations Analysis	5.0	9.1	3.2	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities	Similarity of Focus Occupation to Associated Occupation: 88
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Focus Occupation: Statistical Assistants (43-9111) Associated Occupation: Economists (19-3011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	15.9	12.3	<<	Extensive improvement in abilities may be required
Written Expression	9.8	15.7	11.4	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	14.8	13.5	0	Current ability level may be sufficient
Written Comprehension	11.0	14.5	11.8	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	13.2	11.6	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	12.5	10.6	<	Some improvement in abilities may be required
Mathematical Reasoning	6.3	11.6	17.8	>>	Current ability level is likely more than sufficient
Number Facility	6.3	11.3	16.2	>>	Current ability level is likely more than sufficient
Fluency of Ideas	7.6	10.1	9.7	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 73
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Focus Occupation: Statistical Assistants (43-9111) Associated Occupation: Economists (19-3011)	
Work Activities	Exclusivity of Activity
Collect scientific or technical data	30
Collect statistical data	47
Compile numerical or statistical data	38
Create mathematical or statistical diagrams or charts	43
Prepare reports	8
Use computers to enter, access or retrieve data	3
Use library or online Internet research techniques	21
Use oral or written communication techniques	1
Use relational database software	26

Use spreadsheet software	18
Use word processing or desktop publishing software	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 94

Focus Occupation: Statistical Assistants (43-9111)

Associated Occupation: Economists (19-3011)

Tools and Technologies	Exclusivity
Business function specific software	1
Calculating machines and accessories	3
Computers	1
Content authoring and editing software	1
Data management and query software	1
Development software	4
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.